Author index to volume 285

Abe, E. see T. Sato 285 (1991) 21
Åberg, F. see P. Forsmark 285 (1991) 39
Akutsu, H. see J.-S. Park 285 (1991) 149
Ando, A. see M. Fukunaga 285 (1991) 265
Antonenko, Yu.N., K.W. Kinnally, S. Perini and H. Tedeschi, Selective effect of inhibitors on inner mitochondrial membrane channels 285 (1991) 89
Arad, R. see R. Brandes 285 (1991) 63
Arad, T. see S. Weiner 285 (1991) 49
Aung, H. -P. see E. Harms 285 (1991) 55

Bar-Tana, J. see R. Brandes 285 (1991) 63
Bauer, J., S. Strauss, U. Schreiter-Gasser, U. Ganter, P. Schlegel, I. Witt, B. Yolk and M. Berger, Interleukin-6 and α-2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices 285 (1991) 111
Bayard, F. see C. Toulas 285 (1991) 28
Beauregard, G. see C. Toulas 285 (1991) 28
Behm, C.A. see M.J.E. Hanisch 285 (1991) 94
Belfrage, P. see C. Holm 285 (1991) 139
Berger, M. see J. Bauer 285 (1991) 111
Betzel, C. see S. Pfeffer 285 (1991) 115
Bird, A. see J. Lewis 285 (1991) 155
Bode, W. see V. Turk 285 (1991) 213
Brandes, R., R. Arad and J. Bar-Tana, The induction of adipose conversion in 3T3-L1 cells is associated with early phosphorylation of a 60-kDa nuclear protein 285 (1991) 63
Branner, S. see S. Pfeffer 285 (1991) 115
Brautigan, D.L. see B.L. Martin 285 (1991) 6
Bryl, K., G. Varo and R. Drabent, The photocycle of bacteriorhodopsin immobilized in poly(vinyl alcohol) film 285 (1991) 66
Burch, R.M. see J.P. Sullivan 285 (1991) 120
Bygrave, F.L. see M.J.E. Hanisch 285 (1991) 94

Callewaert, D.M., V.K. Moudgil, G. Radcliff and R. Waite, ormone specific regulation of natural killer cells by cortisol: Direct inactivation of the cytotoxic function of cloned human NK cells without an effect on cellular proliferation 285 (1991) 108
Candau, P. see S. Chávez 285 (1991) 35
Carrell, R.W. see D.J. Perry 285 (1991) 248
Chain, D., T. Kreizman, H. Shapira and S. Shaltiel, lasmin cleavage of vitronectin: Identification of the site and consequent attenuation in binding plasminogen activator inhibitor-1 285 (1991) 251
Chakraborti, S., J.R. Michael and S.K. Patra, Protein kinase C dependent and independent activation of phospholipase A_2 under calcium ionophore (A23187) exposure in rabbit pulmonary arterial smooth muscle cells 285 (1991) 104
Charlemagne, D. see V. Naudin 285 (1991) 135
Chávez, S. and P. Candau, n NAD-specific glutamate dehydrogenase from cyanobacteria: Identification and properties 285 (1991) 35
Christophe, Jean see D. Gossen 285 (1991) 271
Connor, J.R. see J.P. Sullivan 285 (1991) 120
Cortez, N. see P. Richter 285 (1991) 80
Cox, J.A. see Takashi Takagi 285 (1991) 25

Dallner, G. see P. Forsmark 285 (1991) 39
Daly, M. see D.J. Perry 285 (1991) 248
Davis, M.D. and S. Kaufman, 7-Tetrahydrobiopterin is an uncoupled cofactor for rat hepatic phenylalanine hydroxylase 285 (1991) 17
Davis, R.C. see C. Holm 285 (1991) 139
Delassus, F. see C. Toulas 285 (1991) 28
De Neef, P. see D. Gossen 285 (1991) 271
Devaraj, B. see R.Q. Scott 285 (1991) 97
Drabent, R. see K. Bryl 285 (1991) 66
Drews, G. see P. Richter 285 (1991) 80

Ernster, L. see P. Forsmark 285 (1991) 39

Faye, J.-C. see C. Toulas 285 (1991) 28
Federico, M. see A.M. Luciani 285 (1991) 11
Fiers, W., umor necrosis factor: Characterization at the molecular, cellular and in vivo level 285 (1991) 199
Forsmark, P., F. Åberg, B. Norling, K. Nordenbrand, G. Dallner and L. Ernster, Inhibition of lipid peroxidation by ubiquinol in submitochondrial particles in the absence of vitamin E 285 (1991) 39
Fredrikson, G. see C. Holm 285 (1991) 139
Fujibayashi, M. see M. Fukunaga 285 (1991) 265
Fujii, Y. see K. Wada 285 (1991) 71
Fujiwara, Y. see M. Fukunaga 285 (1991) 265
Fukunaga, M., Y. Fujiwara, M. Fujibayashi, S. Ochi, K. Yokoyama, A. Ando, T. Hirano, N. Ueda and T. Kamada, Signal transduction mechanism of interleukin 6 in cultured rat mesangial cells 285 (1991) 265
Furuichi, Y. see K. Wada 285 (1991) 71

Ganter, U. see J. Bauer 285 (1991) 111
Geering, K., The functional role of the β-subunit in the maturation and intracellular transport of Na,K-ATPase 285 (1991) 189
Gerke, V. see C. Thiel 285 (1991) 59
Gesquière, J.-C. see D. Gossen 285 (1991) 271
Gossen, D., J.-C. Gesquière, M. Tastenoy, P. De Neef, M. Waelbroeck and Jean Christophe, Characterization and regulation of the expression of scyllatoxin (Leiurotoxin I) receptors in the human neuroblastoma cell line NB-OK 1 285 (1991) 271
Gropp, F. see U. Hüdepohl 285 (1991) 257
Guidoni, L. see A.M. Luciani 285 (1991) 11

Hanisch, M.J.E., C.A. Behm and F.L. Bygrave, Beneficial effect of dexamethasone on attenuated hormone-induced uptake of calcium and glycogenolysis by perfused liver of rats infected with *Fasciola hepatica* 285 (1991) 94
Han, Y.-G. see M. Hori 285 (1991) 145
Harayama, S., A. Polissi and M. Rekik, Divergent evolution of chloroplast-type ferredoxins 285 (1991) 85
Harms, E., A. Wehner, H. -P. Aung and K.H. Röhm, A catalytic role for threonine-12 of *E. coli* asparaginase II as established by site-directed mutagenesis 285 (1991) 55
Harper, P.L. see D.J. Perry 285 (1991) 248
Hartshorne, D.J. see M. Hori 285 (1991) 145
Hirano, T. see M. Fukunaga 285 (1991) 265
Höhne, W. see S. Pfeffer 285 (1991) 115
Holm, C., R.C. Davis, G. Fredrikson, P. Belfrage and M.C. Schotz, Expression of biologically active hormone-sensitive lipase in mammalian (COS) cells 285 (1991) 139

Hong, M.H. see T. Sato 285 (1991) 21
Hori, M., J. Magae, Y.-G. Han, D.J. Hartshorne and H. Karaki, novel protein phosphatase inhibitor, tautomycin: Effect on smooth muscle 285 (1991) 145
Horne, M. see U. Hüdepohl 285 (1991) 257
Hüdepohl, U., F. Gropp, M. Horne and W. Zillig, Heterologous in vitro transcription from two archaebacterial promoters 285 (1991) 257
Huntsman, M.M. see P.J. Isackson 285 (1991) 260

Ichida, T. see T. Takuma 285 (1991) 124
Inaba, H. see R.Q. Scott 285 (1991) 97
Inanobe, A. see H. Shibasaki 285 (1991) 268
Isackson, P.J., M.D. Towner and M.M. Huntsman, Comparison of mammalian, chicken and *Xenopus* brain-derived neurotrophic factor coding sequences 285 (1991) 260
Ishida, Y. see T. Tsuda 285 (1991) 44
Ishimi, Y. see T. Sato 285 (1991) 21

Jin, C.H. see T. Sato 285 (1991) 21

Kamada, T. see M. Fukunaga 285 (1991) 265
Kanda, H. see K. Yoshioka 285 (1991) 31
Kano, K. see J.-S. Park 285 (1991) 149
Karaki, H. see M. Hori 285 (1991) 145
Katada, T. see H. Shibasaki 285 (1991) 268
Kaufman, S. see M.D. Davis 285 (1991) 17
Kawahara, Y. see T. Tsuda 285 (1991) 44
Kaziro, Y. see H. Shibasaki 285 (1991) 268
Kerr, I.M. and G.R. Stark, *Minireview* The control of interferon-inducible gene expression 285 (1991) 194
Kinnally, K.W. see Yu.N. Antonenko 285 (1991) 89
Klappa, P. see H. Wiech 285 (1991) 182
Koide, M. see T. Tsuda 285 (1991) 44
Kondo, S. see K. Yoshioka 285 (1991) 31
Kozasa, T. see H. Shibasaki 285 (1991) 268
Krause, K.-H., Ca^{2+}-storage organelles 285 (1991) 225
Kreizman, T. see D. Chain 285 (1991) 251
Kurland, C.G., Codon bias and gene expression 285 (1991) 165

Lewis, J. and A. Bird, DNA methylation and chromatin structure 285 (1991) 155
Luciani, A.M., A. Rosi, M.T. Maggiorella, M. Federico, N. Sulli, P. Verani, G.B. Rossi, V. Viti and L. Guidoni, nteraction of HIV-1 with susceptible lymphoblastoid cells: ^{1}H NMR studies 285 (1991) 11

Magae, J. see M. Hori 285 (1991) 145
Maggiorella, M.T. see A.M. Luciani 285 (1991) 11
Martin, B.L., C.L. Shriner and D.L. Brautigan, Modulation of type-1 protein phosphatase by synthetic peptides corresponding to the carboxyl terminus 285 (1991) 6
Mayer, R.J. see P. Scotting 285 (1991) 75
McDermott, H. see P. Scotting 285 (1991) 75
Memmert, K. see K. Wüthrich 285 (1991) 237
Mertens, E., Pyrophosphate-dependent phosphofructokinase, an anaerobic glycolytic enzyme? 285 (1991) 1
Michael, J.R. see S. Chakraborti 285 (1991) 104
Miller, N.E. and M.N. Nanjee, Evidence that reverse cholesterol transport is stimulated by lipolysis of triglyceride-rich lipoproteins 285 (1991) 132
Miyake, T. see K. Yoshioka 285 (1991) 31
Mizushima, S. see K. Tani 285 (1991) 127
Mollner, S. see R. Simmoteit 285 (1991) 99
Moudgil, V.K. see D.M. Callewaert 285 (1991) 108

Nanjee, M.N. see N.E. Miller 285 (1991) 132
Naudin, V., P. Oliviero, F. Rannou, C. Sainte Beuve and D. Charlemagne, The density of ryanodine receptors decreases with pressure overload-induced rat cardiac hypertrophy 285 (1991) 135
Niki, K. see J.-S. Park 285 (1991) 149
Nordenbrand, K. see P. Forsmark 285 (1991) 39
Norling, B. see P. Forsmark 285 (1991) 39

Ochi, S. see M. Fukunaga 285 (1991) 265
Oliviero, P. see V. Naudin 285 (1991) 135

Palm, D. see R. Simmoteit 285 (1991) 99
Park, J.-S., K. Kano, K. Niki and H. Akutsu, Full assignment of heme redox potentials of cytochrome c_3 of *D. vulgaris* Miyazaki F by ^{1}H-NMR 285 (1991) 149
Patra, S.K. see S. Chakraborti 285 (1991) 104
Perini, S. see Yu.N. Antonenko 285 (1991) 89
Perry, D.J., M. Daly, P.L. Harper, R.C. Tait, J. Price, I.D. Walker and R.W. Carrell, ntithrombin Cambridge II, 384 Ala to Ser: Further evidence of the role of the reactive centre loop in the inhibitory function of the serpins 285 (1991) 248
Pfeffer, S., W. Höhne, S. Branner, K. Wilson and C. Betzel, X-Ray structure of the antibiotic bacitracin A 285 (1991) 115
Pfeuffer, T. see R. Simmoteit 285 (1991) 99
Polissi, A. see S. Harayama 285 (1991) 85
Potier, M. see C. Toulas 285 (1991) 28
Price, J. see D.J. Perry 285 (1991) 248
Ptitsyn, O.B., How does protein synthesis give rise to the 3D-structure? 285 (1991) 176

Radcliff, G. see D.M. Callewaert 285 (1991) 108
Rannou, F. see V. Naudin 285 (1991) 135
Rekik, M. see S. Harayama 285 (1991) 85
Richter, P., N. Cortez and G. Drews, Possible role of the highly conserved amino acids Trp-8 and Pro-13 in the N-terminal segment of the pigment-binding polypeptide LHI α of *Rhodobacter capsulatus* 285 (1991) 80
Röhm, K.H. see E. Harms 285 (1991) 55
Roschger, P. see R.Q. Scott 285 (1991) 97
Rosi, A. see A.M. Luciani 285 (1991) 11
Rossi, G.B. see A.M. Luciani 285 (1991) 11
Rudkin, B.B. see A.G. Ryazanov 285 (1991) 170
Ryazanov, A.G., B.B. Rudkin and A.S. Spirin, egulation of protein synthesis at the elongation stage: New insights into the control of gene expression in eukaryotes 285 (1991) 170

Sainte Beuve, C. see V. Naudin 285 (1991) 135
Satoh, M. see K. Wada 285 (1991) 71
Sato, T., M.H. Hong, C.H. Jin, Y. Ishimi, N. Udagawa, T. Shinki, E. Abe and T. Suda, The specific production of the third component of complement by osteoblastic cells treated with 1α,25-dihydroxyvitamin D_3 285 (1991) 21
Schlegel, P. see J. Bauer 285 (1991) 111
Schotz, M.C. see C. Holm 285 (1991) 139
Schreiter-Gasser, U. see J. Bauer 285 (1991) 111
Schulzki, H.-D. see R. Simmoteit 285 (1991) 99
Scotting, P., H. McDermott and R.J. Mayer, Ubiquitin–protein conjugates and αB crystallin are selectively present in cells undergoing major cytomorphological reorganisation in early chicken embryos 285 (1991) 75
Scott, R.Q., P. Roschger, B. Devaraj and H. Inaba, Monitoring a mammalian nuclear membrane phase transition by intrinsic ultraweak light emission 285 (1991) 97

Semenza, G., Editorial 285 (1991) 153
Shaltiel, S. see D. Chain 285 (1991) 251
Shapira, H. see D. Chain 285 (1991) 251
Shearer, B.G. see J.P. Sullivan 285 (1991) 120
Shibasaki, H., T. Kozasa, K. Takahashi, A. Inanobe, Y. Kaziro, M. Ui and T. Katada, Amino acid sequence determination of the novel forms of $G_o\alpha$ purified from bovine brain membranes 285 (1991) 268
Shiba, T. see K. Yoshioka 285 (1991) 31
Shii, K. see T. Tsuda 285 (1991) 44
Shinki, T. see T. Sato 285 (1991) 21
Shriner, C.L. see B.L. Martin 285 (1991) 6
Simmoteit, R., H.-D. Schulzki, D. Palm, S. Mollner and T. Pfeuffer, Chemical and functional analysis of components of adenylyl cyclase from human platelets treated with phorbolesters 285 (1991) 99
Spirin, A.S. see A.G. Ryazanov 285 (1991) 170
Spitzfaden, C. see K. Wüthrich 285 (1991) 237
Stark, G.R. see I.M. Kerr 285 (1991) 194
Strauss, S. see J. Bauer 285 (1991) 111
Suda, T. see T. Sato 285 (1991) 21
Sulli, N. see A.M. Luciani 285 (1991) 11
Sullivan, J.P., J.R. Connor, C. Tiffany, B.G. Shearer and R.M. Burch, NPC 15437 interacts with the C1 domain of protein kinase C: An analysis using mutant PKC constructs 285 (1991) 120

Tait, R.C. see D.J. Perry 285 (1991) 248
Takagi, Takashi and J.A. Cox, Primary structure of myohemerythrin from the annelid *Nereis diversicolor* 285 (1991) 25
Takahashi, K. see H. Shibasaki 285 (1991) 268
Takuma, T. and T. Ichida, Okadaic acid inhibits amylase exocytosis from parotid acini stimulated by cyclic AMP 285 (1991) 124
Tani, K. and S. Mizushima, A chemically cross-linked nonlinear proOmpA molecule can be translocated into everted membrane vesicles of *Escherichia coli* in the presence of the proton motive force 285 (1991) 127
Tastenoy, M. see D. Gossen 285 (1991) 271
Tedeschi, H. see Yu.N. Antonenko 285 (1991) 89
Thauvette, L. see C. Toulas 285 (1991) 28
Thiel, C., K. Weber and V. Gerke, Characterization of a discontinuous epitope on annexin II by site-directed mutagenesis 285 (1991) 59
Thomson, A.J., Does ferredoxin I (*Azotobacter*) represent a novel class of DNA-binding proteins that regulate gene expression in response to cellular iron(II)? 285 (1991) 230
Tiffany, C. see J.P. Sullivan 285 (1991) 120
Togashi, S. see K. Yoshioka 285 (1991) 31
Tooze, S.A., *Minireview* Biogenesis of secretory granules: Implications arising from the immature secretory granule in the regulated pathway of secretion 285 (1991) 220
Toulas, C., G. Beauregard, F. Delassus, L. Thauvette, M. Potier, F. Bayard and J.-C. Faye, adiation inactivation of estrogen receptor in intact human breast cancer cells (MCF-7): Lack of energy transfer to the estradiol binding domain 285 (1991) 28
Towner, M.D. see P.J. Isackson 285 (1991) 260
Traub, W. see S. Weiner 285 (1991) 49
Tsuda, T., Y. Kawahara, K. Shii, M. Koide, Y. Ishida and M. Yokoyama, Vasoconstrictor-induced protein-tyrosine phosphorylation in cultured vascular smooth muscle cells 285 (1991) 44
Turk, V. and W. Bode, he cystatins: protein inhibitors of cysteine proteinases 285 (1991) 213

Udagawa, N. see T. Sato 285 (1991) 21
Ueda, N. see M. Fukunaga 285 (1991) 265
Ui, M. see H. Shibasaki 285 (1991) 268

Varo, G. see K. Bryl 285 (1991) 66
Verani, P. see A.M. Luciani 285 (1991) 11
Viti, V. see A.M. Luciani 285 (1991) 11

Wada, K., Y. Fujii, H. Watanabe, M. Satoh and Y. Furuichi, Cadmium directly acts on endothelin receptor and inhibits endothelin binding activity 285 (1991) 71
Waelbroeck, M. see D. Gossen 285 (1991) 271
Waite, R. see D.M. Callewaert 285 (1991) 108
Walker, I.D. see D.J. Perry 285 (1991) 248
Watanabe, H. see K. Wada 285 (1991) 71
Weber, K. see C. Thiel 285 (1991) 59
Wehner, A. see E. Harms 285 (1991) 55
Weiner, S., T. Arad and W. Traub, Crystal organization in rat bone lamellae 285 (1991) 49
Wider, G. see K. Wüthrich 285 (1991) 237
Widmer, H. see K. Wüthrich 285 (1991) 237
Wiech, H., P. Klappa and R. Zimmerman, rotein export in prokaryotes and eukaryotes: Theme with variations 285 (1991) 182
Wilson, K. see S. Pfeffer 285 (1991) 115
Wintersberger, U., *Minireview* On the origins of genetic variants 285 (1991) 160
Witt, I. see J. Bauer 285 (1991) 111
Wüthrich, K., C. Spitzfaden, K. Memmert, H. Widmer and G. Wider, rotein secondary structure determination by NMR: Application with recombinant human cyclophilin 285 (1991) 237

Yokoyama, K. see M. Fukunaga 285 (1991) 265
Yokoyama, M. see T. Tsuda 285 (1991) 44
Yolk, B. see J. Bauer 285 (1991) 111
Yoshioka, K., H. Kanda, S. Kondo, S. Togashi, T. Miyake and T. Shiba, Autoprocessing of *Drosophila copia gag* precursor to generate a unique laminate structure in *Escherichia coli* 285 (1991) 31

Zillig, W. see U. Hüdepohl 285 (1991) 257
Zimmerman, R. see H. Wiech 285 (1991) 182